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FORM PTO-13 (REV 12-2001)		NT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEYS DOCKET NUMBER				
TRANSMITTAL LETTER TO THE UNITED STATES			740756-2964 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)				
	DESIGNATED/ELECTE CONCERNING A FILING		101577425				
	FIONAL APPLICATION NO. 004/016781	INTERNATIONAL FILING DATE 5 November 2004	PRIORITY DATE CLAIMED 14 November 2003				
TITLE OF	INVENTION						
	EMITTING DEVICE AND M VT(S) FOR DO/EO/US	IETHOD FOR MANUFACTURING TH	HE SAME				
Osamu N	NAKAMURA, Gen FUJII, Fu		****				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. ☑ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. ☑ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. ☐ is attached hereto (required only if not communicated by the International Bureau). b. ☒ has been communicated by the International Bureau. c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US). 6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. ☒ is attached hereto. b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4). 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). a. ☐ are attached hereto (required only if not communicated by the International Bureau). b. ☐ have been communicated by the International Bureau.							
d. ⊠	 c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 						
3 9. ⊠ A 10.□ A	371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
Items 11 to 20 below concern document(s) or information included: 11.⊠ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
	an assignment document for rencluded.	ecording. A separate cover sheet in com	appliance with 37 CFR 3.28 and 3.31 is				
13.□ A	FIRST preliminary amendm	ent.					
14. ⊠ A	an Application Data Sheet und	der 37 CFR 1.76.					
15.□ A	A substitute specification.						
16.□ A	change of power of attorney	and/or address letter.					
	computer-readable form of t 1.825.	the sequence listing in accordance with I	PCT Rule 13ter.2 and 35 U.S.C. 1.821				
18. □ A	second copy of the published	d international application under 35 U.S	.C. 154(d)(4).				
	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
20.⊠ C	Other items or information: 28 Sheets of Formal Drawing	gs (Figs. 1-29) including 2 pages of Exp	lanation of Reference				

U.ŞAPPLICATION NO. (If I			INTERNATIONAL APPLICA	TION NO.	ATTORNEYS DOCKET	NUMBER
· 1.015		5	PCT/JP2004/01678	31	740756-2964	
The following fees are submitted:					CALCULATIONS	PTO USE ONLY
21. Basic national fee (37 CFR 1.492(a))\$300.00					\$300.00	
22. 🗵 Examinatio	n fee			\$200.00	\$200.00	
	red by IPEA/U)-(4)	JS indicates				
23. X Search fee			•	\$500.00	\$500.00	<u> </u>
If the written opinion preparation and Article 33(1) Search fee (37 CFR 1.4 USPTO as a International Search Re	orepared by ISA ared by IPEA/U 1)-(4) 145(a)(2)) has b an International eport prepared beviously comm	JUS or the IS indicates on paid of ISearching by an ISA countries to the ISE of the ISE				
TOTAL	L OF 21, 22 an	nd 23 =		\$	\$1,000.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets Extra	Number of each additional 50 or fraction thereof (round up to a whole number)		ereof (round up to a	RATE		
92 - 100 =	0 /50=		0	x \$250.00	\$	
Surcharge of \$130.00 f earliest claimed priorit			declaration later than 30 r	nonths from the	\$	
CLAIMS NUMBER FILED		FILED	NUMBER EXTRA	RATE		
Total claims	68	8 - 20 =	48	x \$50.00	\$ 2,400.00	<u> </u>
Independent claims 1		2 - 3 =	9	x \$200.00	\$1,800.00	
MULTIPLE DEPEND	ENT CLAIM(S	s) (if applic	\$360.00			
	TOT	AL OF	\$5,560.00			
Applicant claims s	mall entity state	us. See 37	\$			
			\$5,560.00			
SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$	
			\$5,560.00			
Fee for recording the e accompanied by an app	nclosed assignm propriate cover	nent (37 C sheet (37 C	\$40.00			
TOTAL FEES ENCLOSED =					\$5,600.00	_
					Amount to be refunded:	\$
					Amount to be charged:	\$

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а 🗆	A check in the amount of \$to cover the above fees is enclosed.	11 200 07 APR 2006			
b. 🗵	Please charge my Deposit Account No. <u>19-2380 (740756-2964)</u> in the amount of this sheet is enclosed.	unt of \$5,600.00 to cover the above fees. A duplicate copy			
c. 🗵	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-2380</u> . A duplicate copy of this sheet is enclosed.				
d. 🗆	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) 9r (b))					
must be filed and granted to restore the application to pending status.					
SEND ALL	CORRESPONDENCE TO:	My autilia			
		MATURE			
NIXON	N PEABODY LLP	Jeffrey L. Costellia			
1	Street, N.W.	NAME			
Suite 90		25 492			
wasnin	gton, D.C. 20004-2128	35,483 REGISTRATION NUMBER			
		ILLOISTICTION POMBER			